



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Victor E. Kimball et al.

Serial No: 10/668,750

Filed: September 23, 2003

Title: DEVICE FOR ASSESSING
PERFUSION FAILURE IN A
PATIENT BY MEASUREMENT OF
BLOOD FLOW

Group Art Unit: Unknown

Examiner: Unknown

Docket No: 11242/320

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Consideration of each of the documents listed on the attached 1449 form(s) is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

The references identified below were disclosed and/or cited in parent application Serial No. 10/357,996, filed February 4, 2003, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR § 1.98(d)

It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 50-1901.

Information Disclosure Statement

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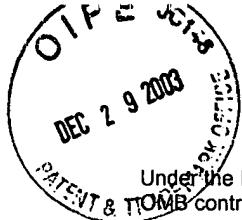
For: DEVICE FOR ASSESSING PERFUSION FAILURE IN A PATIENT BY MEASUREMENT OF BLOOD FLOW

The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

Respectfully submitted,

By 

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PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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ATTY. DOCKET NO.
11242/320SERIAL NO.
10/668,750APPLICANT
Victor KIMBALL et al.FILING DATE
September 23, 2003GROUP
Unknown

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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		3,511,227	05/12/70	Johnson	
		3,905,889	09/16/75	Macur et al.	
		4,109,647	08/29/78	Stern et al.	
		4,324,258	04/13/82	Huebscher et al.	
		4,590,948	05/27/86	Nilsson	
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		4,632,119	12/30/86	Reichstein	
		4,643,192	02/17/87	Fiddian-Green	
		4,729,384	03/08/88	Bazenot	
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		4,842,783	06/27/89	Blaylock	
		4,892,383	01/09/90	Klainer et al.	
		4,919,891	04/24/90	Yafuso et al.	
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		5,778,878	07/14/98	Kellam	

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Examiner Initials	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		WO 98/20794	05/22/98	PCT	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	
		Benazzo et al., "Endothelin-Induced Vasoconstriction in Rabbit Nasal Mucosa," <i>Acta Otolaryngol</i> (Stockh), Vol. 114(5), pp. 544-546 (1994).
		Bertuglia et al., "Venular Oscillatory Flow During Hemorrhagic Shock and No Inhibition in Hamster Cheek Pouch Microcirculation," <i>Microvascular Research</i> , Vol. 54, pp. 23-242 (1997).

EXAMINER

DATE CONSIDERED

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	
		Casasco et al., "Occurrence, Distribution and Possible Role of the Regulatory Peptide Endothelin in the Nasal Mucosa," <i>Cell & Tissue Research</i> , Vol. 274(2), pp. 241-247 (1993).
		Friberg et al., "Habitual Snorers and Sleep Apnoics Have Abnormal Vascular Reactions of the Soft Palatal Mucosa on Afferent Nerve Stimulation," <i>The Laryngoscope</i> , Vol. 108(3), pp. 431-436 (1998).
		Grudemo et al., "Rhinostereometry and Laser Doppler Flowmetry in Human Nasal Mucosa: Changes in Congestion and Microcirculation During Intranasal Histamine Challenge," <i>ORL</i> , Vol. 59, pp. 50-56 (1997).
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		Kelley et al., "Comparison Between the Uptake of Nitrous Oxide and Nitric Oxide in the Human Nose," <i>Journal of Applied Physiology</i> , Vol. 85(4), pp. 1203-1209 (1998).
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		Lacroix et al., "Sympathetic Vascular Control of the Pig Nasal Mucosa (III): Co-Release of Noradrenaline and Neuropeptide Y," <i>Acta Physiologica Scandinavica</i> , Vol. 135(1), pp. 17-28 (1989).
		Marais et al., "A Preliminary Comparison of the Effects of Halothane and Isoflurane on Nasal Mucosal Blood Flow," <i>Rhinology</i> , Vol. 31(1), pp. 31-83 (1993).
		Weaver et al., "Effect of Internal Maxillary Arterial Occlusion on Nasal Blood Flow in Swine," <i>The Laryngoscope</i> , Vol. 109(1), pp. 8-14 (1999).
		Ylipaavalniemi et al., "Effect of Local Anaesthesia on the Blood Perfusion of Oral Mucosa Measured by the Laser Doppler Method," <i>Proceedings of the Finnish Dental Society</i> , Vol. 79(2), pp. 58-61 (1983).

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